SEQUENCE LISTING

<110>   Rossi, John
         Castanotto, Daniela

<120>   Methods and Kits for Synthesis of siRNA Expression
         Constructs

<130>   1954-401

<150>   60/399718
<151>   2002-08-01

<150>   60/408298
<151>   2002-09-06

<160>   38

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<223>  sequence coding for sense hairpin RNA

<220>
<221>  misc_feature
<222>  (68)..(90)
<223>  3' end of the u6+1 promoter

<400>  32
ggttaagatc taaaaaagct ctattagata caggagcact acacaaatgc tcctgtatct      60

aatagagcgg tgtttcgtcc tttccacaag                                       90


<210>  33
<211>  100
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  chimeric nucleotide construct


<220>
<221>  misc_feature
<222>  (1)..(23)
<223>  3' end of the u6+1 promoter

<220>
<221>  misc_feature
<222>  (24)..(43)
<223>  sequence coding for sense hairpin RNA
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<220>
<221> misc_feature
<222> (44)..(51)
<223> sequence coding for nucleotide loop

<220>
<221> misc_feature
<222> (52)..(72)
<223> sequence coding for anti-sense hairpin RNA

<220>
<221> misc_feature
<222> (73)..(78)
<223> sequence coding for termination signal

<220>
<221> misc_feature
<222> (80)..(97)

<400> 33
cttgtggaaa ggacgaaaca ccgcctgtgc ctcttcagct accgaagctt gggtagctga   60

agaggcacag gcttttttca tgcatgcatg tcccggggga   100

<210> 34
<211> 98
<212> DNA
<213> Artificial Sequence

<220>
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<220>
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<222> (1)..(21)
<223> 3' end of the u6+1 promoter

<220>
<221> misc_feature
<222> (22)..(41)
<223> sequence coding for sense hairpin RNA

<220>
<221> misc_feature
<222> (42)..(49)
<223> sequence coding for nucleotide loop

<220>
<221> misc_feature
<222> (50)..(70)
<223> sequence coding for anti-sense hairpin RNA

22

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<220>
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<222>  (71)..(76)
<223>  sequence coding for termination signal

<220>
<221>  misc_feature
<222>  (78)..(95)

<400>  34
acacctttcc tgctttgtgg cggacacgga gaagtcgatg gcttcgaacc catcgacttc      60

tccgtgtccg aaaaaagtac gtacgtacag ggccccct                              98


<210>  35
<211>  29
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  primer


<400>  35
acgcgtcgac gcccggatag ctcggtcgg                                        29


<210>  36
<211>  82
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  chimeric nucletide construct


<220>
<221>  misc_feature
<222>  (20)..(63)
<223>  n = A in case of wild-type, and G in case of SELEX 2144

<220>
<221>  misc_feature
<222>  (76)..(76)
<223>  n = G in case of wild-type, and T in case of SELEX 2144

<220>
<221>  misc_feature
<222>  (79)..(79)
<223>  n = A in case of wild-type, and G in case of SELEX 2144

<400>  36
gtcgacgccc ggatagctcn gtcggtngag catcagactt ttaatctgag ggtccagggt      60
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tcnagtccct gttcgngcnc ca   82

<210> 37
<211> 90
<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric nucleotide construct

<220>
<221> misc_feature
<222> (1)..(24)
<223> 3' end of SELEX 2144 tRNA sequence

<220>
<221> misc_feature
<222> (25)..(45)
<223> sequence coding for sense hairpin RNA

<220>
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<222> (46)..(54)
<223> sequence coding for nucleotide loop

<220>
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<222> (55)..(75)
<223> sequence coding for anti-sense hairpin RNA

<220>
<221> misc_feature
<222> (76)..(81)
<223> sequence coding for termination signal

<220>
<221> misc_feature
<222> (82)..(87)
<223> Bg12 site

<400> 37
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cgtcgctgtc tccgcttttt tagatcttcc   90

<210> 38
<211> 90
<212> DNA
<213> Artificial Sequence

<220>
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<223>  Bgl2 site

<220>
<221>  misc_feature
<222>  (10)..(15)
<223>  sequence coding for termination signal

<220>
<221>  misc_feature
<222>  (16)..(36)
<223>  sequence coding for anti-sense hairpin RNA

<220>
<221>  misc_feature
<222>  (37)..(45)
<223>  sequence coding for nucleotide loop

<220>
<221>  misc_feature
<222>  (46)..(66)
<223>  sequence coding for sense hairpin RNA

<220>
<221>  misc_feature
<222>  (67)..(90)
<223>  3' end of the u6+1 promoter

<400>  38
ggaagatcta aaaaagcgga gacagcgacg aagagcctac acaaagctct tcgtcgctgt      60

ctccgcgctc agggacaagc acgtggtaac                                       90
```